



Product Sheet

## S. cerevisiae genomic library (ATCC® 87311™)

### Saccharomyces cerevisiae

#### Please read this FIRST



#### Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

#### Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: *Saccharomyces cerevisiae* (ATCC® 87311™)

#### Shipping Information

Distributed: frozen bacteria-free lysate (volume: 0.4 mL)

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)

Or contact your local distributor

#### Description

**Designation:** S. cerevisiae genomic library

#### Notes

To convert bacteriophage lambda clones to plasmid via the cre-lox recombination system, use of BNN132 (ATCC 47059) is recommended.  
- Proc. Natl. Acad. Sci. USA 88: 1731-1735, 1991

#### Vector Information

DESCRIPTION OF VECTOR COMPONENT:

Name of vector: lambdaYES-R  
Intact vector size: 42.600  
Type of vector: phage  
Vector end: XhoI  
Vector end: XhoI  
Cloning sites: XhoI, EcoRI  
Polylinker sites: EcoRI XhoI EcoRI  
Construction: lambda<sub>dg</sub>t6; pSE936  
Host range: Escherichia coli  
Features (with orientation and position when available):  
other: left arm (19.6 kb), ->  
other: lox, ->  
replicon: ARS1  
replicon: pMB1  
marker(s): ampR, <-  
promoter for expression: GAL1, ->  
MCS: XhoI EcoRI, ->  
promoter for expression: lac, <-  
transcription terminator: HIS3, ->  
marker(s): URA3, ->  
centromere: CEN4  
other: lox, ->  
other: right arm (15.2 kb, with cl857)  
Cross references:

#### Propagation

##### Growth Conditions

**Temperature:** 37.0°C

##### Medium

ATCC® Medium 1592: SM buffer

#### References

References and other information relating to this product are available online at [www.atcc.org](http://www.atcc.org).

#### Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

#### ATCC Warranty

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium



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formulation is used, the ATCC warranty for viability is no longer valid.

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#### Disclaimers

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This product is intended for laboratory research purposes only. It is not intended for use in humans.

While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC does not warrant that such information has been confirmed to be accurate.

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at [www.atcc.org](http://www.atcc.org)

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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